

CLAIMS

What is Claimed is:

1. A device for establishing and maintaining a static magnetic null field in a substantially fixed relationship to a quantity of cellular material comprising:

A holder having a first arm an second arm;

5 Means for adjusting the position of the first and second arm;

Attachment means for affixing a magnet to each of the arms of the holder in a manner so that a magnetic null field is formed in an area between the magnets.

2. The device of Claim 1 wherein each magnet affixed to each am has a strength of between about 300 Gauss and about 1,000 Gauss.

10 3. The device of Claim 1 wherein each magnet has a magnetic strength of about 500 Gauss.

4. The device of Claim 1 wherein each magnet has a magnetic strength of about 750 Gauss.

15 5. A device for maintaining a static magnetic null field, comprising; the device having at least a first arm and a second arm; the first arm and second arm being joined by a flexible hinge; each arm having flex ion means located approximately medially along each arm; a means for affixing a magnet to each arm; each arm having affixed to it a magnet of predetermined magnetic strength Gauss.

6. The device of Claim 5 wherein each magnet has a Gauss of about 500.

20 7. The device of Claim 5 wherein each magnet has a force of about 750 Gauss.

8. A sample holder and magnet positioning device, comprising; a holder having four walls defining an opening; the opening being sized to cooperatively fit a specimen holder; two of the sample holder walls, (being opposite the other), means for attachment of a magnet to each of the opposite walls; the magnet being approximately of the same height as the sample within the same holder.
- 5 9. The device of Claim 7 wherein each wall is formed from polyvinylchloride plastic.
10. The device of Claim 7 wherein each magnet has the strength of between about 300 Gauss to about 1,000 Gauss.
11. The device of Claim 7 wherein each magnet has the strength of about 500 Gauss.
12. The device of Claim 7 wherein the sample holder has the capacity for holding
- 10 approximately 20 cc's of liquid.
13. The device of Claim 7 wherein the specimen holder is formed from glass.